

PATENT

Case Docket No. BSST.002C1

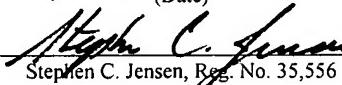
10/16/32,235

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Applicant(s) : Lon E. Bell
Appl. No. : Unknown
Filed : July 31, 2003
For : EFFICIENCY
THERMOELECTRICS
UTILIZING CONVECTIVE
HEAT FLOW
Examiner : Unknown
Group Art Unit : Unknown

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

10/15/03
(Date)

Stephen C. Jensen, Reg. No. 35,556

TRANSMITTAL LETTER

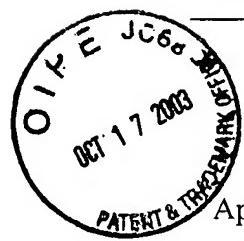
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) An Information Disclosure Statement.
- (X) A PTO Form 1449 listing 62 references and enclosing 19 references.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.
- (X) Return prepaid postcard.


Stephen C. Jensen
Registration No. 35,556
Attorney of Record
Customer No. 20,995
(949) 760-0404



INFORMATION DISCLOSURE STATEMENT

Applicant	:	Lon E. Bell
App. No.	:	Unknown
Filed	:	July 31, 2003
For	:	EFFICIENCY THERMOELECTRICS UTILIZING CONVECTIVE HEAT FLOW
Examiner	:	Unknown
Group Art Unit	:	Unknown

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is form PTO-1449 listing 62 references. Copies of non-U.S. patents and applications and other publications are submitted pursuant to 37 C.F.R. § 1.98(d). For all others, copies are not provided.

This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required in accordance with 37 C.F.R. § 1.97(b)(3). If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410.

Respectfully submitted,
KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 10/15/03

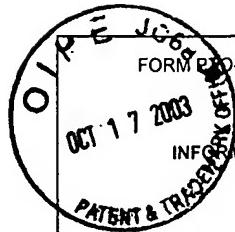
By: Stephen C. Jensen
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<small>OCT 17 2003 U.S. PATENT & TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)</small>		ATTY. DOCKET NO. BSST.002C1	APPLICATION NO. Unknown
		APPLICANT Lon E. Bell	
		FILING DATE July 31, 2003	GROUP Unknown

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
1		3,006,979	10-31-61	Rich			
2		3,126,116	04-24-64	Clinehens			
3		3,635,037	01-18-72	Hubert			
4		3,681,929	08-08-72	Schering			
5		3,779,814	12-18-73	Miles et al.			
6		4,065,936	01-03-78	Fenton et al.			
7		4,281,516	08-04-81	Berthet et al.			
8		4,494,380	01-22-85	Cross			
9		4,730,459	03-15-88	Schlicklin et al.			
10		4,731,338	03-15-88	Ralston et al.			
11		4,989,626	02-05-91	Takaga et al.			
12		5,092,129	03-03-92	Bayes et al.			
13		5,097,829	03-24-92	Quisenberry			
14		5,228,923	07-20-93	Hed			
15		5,232,516	08-03-93	Hed			
16		5,429,680	07-04-95	Fuschetti			
17		5,584,183	12-17-96	Wright et al.			
18		5,592,363	01-07-97	Atarashi et al.			
19		5,605,047	02-25-97	Park et al.			
20		5,682,748	11-04-97	De Viilbiss et al.			
21		5,802,856	09-08-98	Schaper et al.			
22		5,860,472	01-19-99	Batchelder			
23		5,867,990	02-09-99	Ghoshal			
24		5,900,071	05-04-99	Harman			
25		5,921,088	07-13-99	Imaizumi et al.			
26		5,966,941	10-19-99	Ghoshal			
27		5,987,890	11-23-99	Chiu et al.			

EXAMINER	DATE CONSIDERED
<small>*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.</small>	



FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. BSST.002C1	APPLICATION NO. Unknown
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Lon E. Bell	
(USE SEVERAL SHEETS IF NECESSARY)		FILING DATE July 31, 2003	GROUP Unknown

U.S. PATENT DOCUMENTS

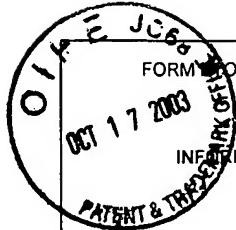
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	28	6,082,445	07-04-00	Dugan			
	29	6,084,172	07-04-00	Kishi et al.			
	30	6,096,966	08-01-00	Nishimoto et al.			
	31	6,319,744	11-20-01	Hoon et al.			
	32	6,334,311	01-01-02	Kim et al.			
	33	6,346,668	02-12-02	McGrew			
	34	6,347,521	02-19-02	Kadotani et al.			
	35	6,401,462	06-11-02	Bielinski			
	36	6,446,442	09-10-02	Bathelor et al.			
	37	6,477,844	11-12-02	Ohkubo et al.			
	38	6,481,213	11-19-02	Carr et al.			
	39	6,530,231	03-11-03	Nagy et al.			
	40	6,510,696	01-28-03	Guttman et al.			
	41	6,650,968	05-13-03	Ko			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES NO
	42	JP 4-165234	06-11-92	Japan			
	43	JP 56-18231	02-20-81	Japan			

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
	44	International Search Report for PCT/US 02/06285 dated 05-11-02.
	45	International Search Report for PCT/US 02/03654 dated 05-20-02.
	46	International Search Report for PCT/US 02/03659 dated 07-09-02.
	47	International Search Report for PCT/US 02/25233 dated 09-24-02.
	48	International Search Report for PCT/US 03/17834 dated 07-29-03.

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EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
49	A New Concept for Improving Thermoelectric Heat Pump Efficiency, R.J. Buist, J.W. Fenton and J.S. Lee, Borg-Warner Thermoelectrics Wolf and Algonquin Road	
50	Tada, Shigeru, et al., A New Concept of Porous thermoelectric Module Using a Reciprocating Flow for Cooling/Heating System (Numerical Analysis for Heating System), 16 th International Conference on Thermoelectrics (1997)	
51	Goldsmid, H.J., <u>Electronic Refrigeration</u> , Pion Ltd., 207 Brondesbury Park, London (1986)	
52	Angrist, Stanley W., <u>Direct Energy Conversion</u> , 32 Ed. Ally & Bacon (1976)	
53	Miner, A., Majumdar, A., and U. Ghoshal, Thermo-Electro-Mechanical Refrigeration Based on Transient Thermoelectric Effects, <u>Applied Physics letters</u> , Vol. 75, pp. 1176-1178 (1999)	
54	Buist, R. and Lau, P., Theoretical Analysis of Thermoelectric Cooling Performance Enhancement Via Thermal and Electrical Pulsing, <u>Journal of Thermoelectricity</u> , No. 4, 1996.	
55	Copending U.S. Application No. 09/844,818 filed on April 27, 2001 (Atty No. 001A) and pending claims	
56	Copending U.S. Application No. 10/227,398 filed on August 23, 2002 (Atty No. 001CP1) and pending claims	
57	Copending U.S. Application No. 09/860,725 filed on May 18, 2001 (Atty No. 002A) and pending claims	
58	Copending U.S. Application No. 09/918,999 filed on July 31, 2001 (Atty No. 002CP1) and pending claims	
59	Copending U.S. Application No. 10/215,613 filed on August 7, 2002 (Atty No. 004A) and pending claims	
60	Copending U.S. Application No. 09/987,232 filed on November 6, 2001 (Atty No. 006A) and pending claims	
61	Copending U.S. Application No. 10/074,543 filed on February 11, 2002 (Atty No. 008A) and pending claims	
62	Copending U.S. Application No. 10/164,656 filed on June 6, 2002 (Atty No. 009A) and pending claims	

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